

**ABSTRACT OF THE DISCLOSURE**

A system is disclosed for managing the performance and monitoring the status of a grid job on a grid computer of a computing grid. One aspect of the system contemplates creating a file of at least one job performance factor governing performance of grid jobs on a particular grid computer and performing the grid job on the grid computer in conformance with each job performance factor for the grid computer. Another aspect of the system contemplates forming a grid job for being performed by at least one grid computer, creating a job performance file based on the grid job, and sending the job performance file with the grid job to one of the grid computers.